

Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

***(Use as many sheets as necessary)***

Sheet	1	of	1
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**Complete if Known**

<b>Application Number</b>	09/763,577
<b>Filing Date</b>	February 26, 2001
<b>First Named Inventor</b>	Pirim, Patrick
<b>Art Unit</b>	2621
<b>Examiner Name</b>	not yet assigned
<b>Attorney Docket Number</b>	20046H-000700US

**U.S. PATENT DOCUMENTS**

Examiner	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code <sup>2</sup> (if known)			
LS	1	US-5,008,946	04-16-1991	Ando	382/104
LS	2	US-5,088,488	02-18-1992	Markowitz et al.	607/127
LS	3	US-5,163,095	11-10-1992	Kosaka	382/1133
LS	4	US-5,359,533	10-25-1994	Ric ka et al.	702/175
LS	5	US-5,592,237	01-07-1997	Greenway et al.	348/176
LS	6	US-5,625,717	04-29-1997	Hashimoto et al.	382/260
LS	7	US-2002/0101432 A1	08-01-2002	Ohara et al.	345/589
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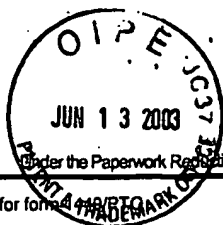
## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
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Signature**

Date Considered

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PTO/SB/08B (04-03)

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**INFORMATION DISCLOSURE  
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Page 1

of 2

**Complete if Known**

Application Number	09/763,577
Filing Date	October 1, 2001
First Named Inventor	Patrick Pirim
Art Unit	2621
Examiner Name	to be assigned
Attorney Docket Number	20046H-000700US

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**U.S. PATENT DOCUMENTS**

Examiner	Cite No. <sup>1</sup>	Document Number Number Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
IS	AA	US-5,894,495	12/02/1997	Hara et al.	384324
IS	AB	US-5,712,729	01/27/1998	Hashimoto	3591562
IS	AC	US-5,793,888	08/11/1998	Delaney	3821219

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>2</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
IS	AD	EP	0 048 110	A1	02/17/1982	Michel Urien and Guy Marie Pierre Jean Theron		<input type="checkbox"/>
IS	AE	FR	2 611 063	B1	08/19/1988	Imapply		<input type="checkbox"/>
IS	AF	FR	2 751 772	A1	01/30/1998	STE BEV Bureau Etuce Vision		<input type="checkbox"/>
IS	AG	WO	98/05002	A1	02/05/1998	Carlus Magnus Limited		<input type="checkbox"/>
IS	AH	WO	00/11610	A1	03/02/2000	Holding BEV S.A.		<input type="checkbox"/>

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
IS	AI	Stephane G. Mallat, "A Theory for Multiresolution Signal Decomposition: The Wavelet Representation", IEEE Transactions on Pattern Analysis and Machine Intelligence, Vol. 11, No. 7, July 1989, pages 674-693.	
IS	AJ	John G. Daugman, "Complete Discrete 2-D Gabor Transforms by Neural Networks for Image Analysis and Compression", IEEE Transaction on Acoustics, Speech and Signal Processing, Vol. 36, No. 7, July 1988, pages 1169-1179.	
IS	AK	Alberto Tomita, Jr., et al., "Hand Shape Extraction from a Sequence of Digitized Gray-Scale Images", IECON '94, 20th International Conference on Industrial Electronics, Control and Instrumentation, Vol. 3 of 3, Special Sessions, Signal Processing and Control, pages 1925-1930	
IS	AL	Giacomo Indiveri et al., "System Implementations of Analog VLSI Velocity Sensors", 1996 IEEE Proceedings of MicroNeuro '96, pages 15-22	

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SignatureDate  
Considered

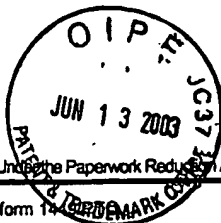
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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Page 2

of 2

### Complete if Known

Application Number	09/763,577
Filing Date	October 1, 2001
First Named Inventor	Patrick Pirim
Art Unit	2621
Examiner Name	to be assigned
Attorney Docket Number	20046H-000700US

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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
IS	AM	Pierre-Francois Ruedi, "Motion Detection Silicon Retina Based on Event Correlations", 1996 IEEE Proceedings of MicroNeuro '96, pages 23-29	
IS	AN	Revue Trimestrielle Des «Techniques de Lingenieur», "Instantanés Technique" Techniques De L'ingénieur, Mars 1997-N°5 (40F), ISSN 0994-0758,	
IS	AO	Es Professionnels de L'informatique En Entreprise Magazine, "Objectif Securite Des Reseaux", N° 24, Janvier, 1997	
IS	AP	Electronique International Hebdo, 5 Decembre 1998-N° 245, "Premier...Loeil", Francoise Gru svelet (with translation)	
IS	AQ	Nabeel Al Adsani, "For Immediate Release The Generic Visual Perception Processor", October 10, 1997, page 1	
IS	AR	Colin Johnson, "Vision Chip's Circuitry Has Its Eye Out For You", <a href="http://192.215.107.74/wire/news/1997/09/0913vision.html">http://192.215.107.74/wire/news/1997/09/0913vision.html</a> , pages 1-3	
IS	AS	The Japan Times, "British firm has eye on the future", Business & Technology, Tuesday, November 18, 1997, 4th Edition	
IS	AT	Inside the Pentagon's, Inside Missile Defense, an exclusive biweekly report on U.S. missile defense programs, procurement and policymaking, "Missile Technology" Vol. 3, No. 16-August 13, 1997, page 5	
IS	AU	Electronique, "Le Mechanisme de la Vision Humaine Dans Le Silicium", Electronique Le Mensuel Des Ingenieurs De Conception, Number 68, Mars 1997, ISSN 1157-1151 (with translation)	
IS	AV	"Elektronik Revue" ER, Eine Elsevier-Thomas-Publikation, Jahrgang 8, Marz 1997, NR.3, ISSN0839-1134	
IS	AW	"Un Processor de Perception Visuelle", LeHOUT PARLEUR, 25F Des solutions électroniques pour tous, N° 1858, 15 janvier 1997 (with translation)	
IS	AX	"Realiser Un Decodeur Pour TV Numerique", Electronique, Le Mensuel Des Ingenieurs De Conception, Number 66, Janvier 1997	
IS	AY	Groupe Revenu Français, Air & Cosmos Aviation International, "Un Calculateur De Perceaption Visuelle", Hebdomadaire, vendredi 6 decembre 1998, 34 Année, No 1590, 22F.	

Examiner Signature	<i>Isaiah A. O...</i>	Date Considered	2/1/05
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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 2

### Complete if Known

Application Number	09/763,577
Filing Date	February 23, 2001
First Named Inventor	Pirim, Patrick, et al
Art Unit	2621
Examiner Name	Unassigned
Attorney Docket Number	20046H-000700US

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### U.S. PATENT DOCUMENTS

Examiner	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
IS	AA	US-6,486,909	B1	11/26/02	Patrick Pirim	348/143
IS	AB	US-6,304,187	B1	10/16/01	Patrick Pirim	340/576
IS	AC	US-5,384,865		01/24/95	Jennifer C. Loveridge	382/262
IS	AD	US-5,488,430		01/30/98	Sung H. Hong.	348/699
IS	AE	US-5,109,425		04/28/92	Teri B. Lawton	382/607
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	AR	US-				
	AS	US-				
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		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
IS	AU	WO	99/36894		07/22/99	Patrick Pirim		<input type="checkbox"/>
IS	AV	EP	0 380 659	A1	08/08/90	Makoto Nagao		<input type="checkbox"/>
IS	AW	EP	0 394 959	A2	10/31/90	Axel Korn		<input type="checkbox"/>
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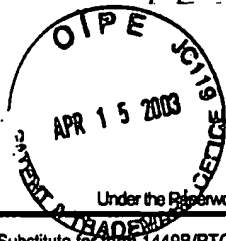
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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 2 of 2

### Complete if Known

Application Number	09/763,577
Filing Date	February 23, 2001
First Named Inventor	Pirim, Patrick, et al
Art Unit	2611
Examiner Name	Unassigned
Attorney Docket Number	20046H-000700US

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### OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
15	AY	KENICHI YAMADA, et al; "Image Understanding Based on Edge Histogram Method for Rear-End Collision Avoidance System", Vehicle Navigation & Information Systems Conference Proceedings; (1994), pp. 445 450 published 08/31/94; XP 000841348	
	AZ		
	AAA		
	ABB		
	ACC		
	ADD		
	AEE		
	AFF		
	AGG		
	AHH		
	All		

Examiner Signature		Date Considered	2/1/05
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528 Rec'd PCT/PTO 23 FEB 2001

FORM PTO-1449 (Modified)		Attorney Docket No.: 20046H-000700US		Application No.: Not yet assigned	
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				Applicant: PATRICK PIRIM, et al.	
				Filing Date: Herewith	
				Group: Unassigned	
Reference Designation		U.S. PATENT DOCUMENTS			Page 1
Examiner Initial	Document No.	Date	Name	Class	Filing Date (If Appropriate)
AA					
AB					
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FOREIGN PATENT DOCUMENTS					
	Document No.	Date	Country	Class	Translation (Yes/No)
15 AM	0394959A2	10/31/1990	Europe		
15 AN	0380659A1	8/8/1990	Europe		
AO					
AP					
AQ					
AR					
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)					
15 AS	Yamada, K., et al. "Image Understanding Based on Edge Histogram Method for Rear-End Collision Avoidance System", <u>Proceedings of the Vehicle Navigation and Information Systems Conference</u> , Yokohama, Aug. 31-Sept. 2, August 1994, pp. 445-450				
AT					
AU					
AV					
AW					
EXAMINER	DATE CONSIDERED 2-1-05				

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